

IN THE CLAIMS

Please amend the claims as follows:

1 – 14. (Cancelled).

15. (Cancelled).

16. (Currently Amended) A telecommunication messaging apparatus comprising:

a mobile switching center (MSC) to engage in a service negotiation with a wireless subscriber unit in communication with a first source and a second source using a traffic channel, the MCS to allocate data transmission rates on the traffic channel to each of the first and second sources based on the service negotiation, and to enable concurrent communication between the wireless subscriber unit and the first and second sources using the traffic channel based on the allocated data transmission rates, wherein ~~at least~~ one of the first and second sources ~~is~~ are communicating by non-voice data and the other one of the first and second sources is communicating by voice data.

17. (Previously Presented) A telecommunication messaging apparatus comprising:

a mobile switching center (MSC) to engage in a service negotiation with a wireless subscriber unit in communication with a first source and a second source using a traffic channel, the MCS to allocate data transmission rates on the traffic channel to each of the first and second sources based on the service negotiation, and to enable concurrent communication between the wireless subscriber unit and the first and second sources using the traffic channel based on the allocated data transmission rates, the MSC to determine a primary service option and a secondary service option corresponding to the first and second sources for communicating with the wireless subscriber using the traffic channel.

18. (Previously Presented) The apparatus of claim 17, wherein the first and second sources communicate with the wireless subscriber unit using data frames, and wherein the MSC comprises a multiplexer to define the number of bits of each data frame to be allocated for the primary and secondary service options.

19. (Previously Presented) The apparatus of claim 16, further comprising:

a base station in communication with the wireless subscriber unit and the MSC to relay service negotiation messages between the wireless subscriber unit and the MSC.

20. (Previously Presented) The apparatus of claim 19, the base station comprising:

a base station message processor to analyze received messages and to determine messages to be generated and transmitted in association with the service negotiation;

a base station message generator to generate messages under direction from the message processor; and

a base station transceiver to transmit and receive messages associated with the service negotiation.

21. (Previously Presented) The apparatus of claim 19, the wireless subscriber unit comprising:

a subscriber unit message processor to analyze received messages and to determine messages to be generated and transmitted in association with the service negotiation;

a subscriber unit message generator to generate messages under direction from the messaged processor; and

a subscriber unit transceiver to transmit and receive messages association with the service negotiation.

22. (Previously Presented) The apparatus of claim 21 wherein the first message is a Change Service Command message.

23. (Previously Presented) The apparatus of claim 21 wherein the MSC message generator generates the first message in response to the mobile switching center determining that a new call for communication is arriving for the wireless subscriber unit from the first source when the wireless subscriber unit is already in an existing call with the second source.

24. (Previously Presented) The apparatus of claim 23 wherein the first message proposed a new service configuration which accommodates both the existing call and the new call.

25. (Previously Presented) The apparatus of claim 19, wherein at least one of the wireless subscriber unit, the base station, and the mobile switching center communicate using code division multiple access (CDMA) modulation techniques.

26. (Previously Presented) The apparatus of claim 21, further comprising a target base station in communication with the subscriber unit.

27. (Previously Presented) A telecommunication messaging apparatus comprising:
a mobile switching center (MSC) to engage in a service negotiation with a wireless subscriber unit in communication with a first source and a second source using a traffic channel, the MCS to allocate data transmission rates on the traffic channel to each of the first and second sources based on the service negotiation, and to enable concurrent communication between the wireless subscriber unit and the first and second sources using the traffic channel based on the allocated data transmission rates, wherein the MSC engages in the service negotiation with a wireless subscriber unit, allocates data transmission rates on the traffic channel to each of the first and second sources based on the service negotiation and enables the concurrent communication between the wireless subscriber unit and the first and second sources using the traffic channel without an input from a user of the wireless unit.

28. (Currently Amended) A method for a mobile switching center (MSC) to establish communication between a wireless subscriber unit and a first source and a second source using a traffic channel, the method comprising:

initiating a service negotiation with the wireless subscriber unit;

allocation data transmission rates on the traffic channel to each of the first source and the second sources based on the service negotiation; and

enabling concurrent communication between the wireless subscriber unit and the first and second sources using the traffic channel based on the allocated data transmission rates, wherein ~~at least~~ one of the first and second sources ~~is are~~ communicating by non-voice data and the other one of the first and second sources is communicating by voice data.

29. (Previously Presented) The method of claims 28, the initiating a service negotiation further comprising:

delivering a first message by the MSC to a base station in communication with the wireless subscriber unit for initiating the service negotiation;

negotiating a new service configuration by the base station and the subscriber unit, the new service configuration providing for concurrent connection of both a new call and an existing call; and

connecting the new call and the existing call using the new service configuration.

30. (Previously Presented) The method of claim 29, wherein the delivering delivers a Change Service Command (CSC) message as the first message.

31. (Previously Presented) The method of claim 30, wherein the CSC message contains a proposed service configuration which would provide for the connection of both the new call and the existing call.

32. (Previously Presented) The method of claim 31, wherein the negotiating the new service configuration negotiates the new service configuration based on the proposed service configuration.